### CREATE YOUR PART NUMBER USING THESE FIVE STEPS

<table>
<thead>
<tr>
<th>STEP</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIE</td>
<td>97</td>
<td>3106A</td>
<td>18-1</td>
<td>P</td>
<td>-946</td>
</tr>
<tr>
<td>SHELL STYLE</td>
<td></td>
<td></td>
<td></td>
<td>CONTACT</td>
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<tr>
<td>LAYOUT</td>
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<td></td>
<td>ROTATION</td>
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<tr>
<td>CONTACT</td>
<td></td>
<td></td>
<td></td>
<td>PLATING</td>
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</tbody>
</table>

(example)

### STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

#### RECEPCTACLES
- **97-3100A**: Wall Mount with Accessory Threads, Solid Endbell
- **97-3101A**: Cable Mount with Accessory Threads, Solid Endbell
- **97-3102A**: Box Mount with No Accessory Threads

#### PLUGS
- **97-3106A**: Straight with Accessory Threads, Solid Endbell
- **97-3106B**: Straight with Accessory Threads, Split Endbell
- **97-3107A**: Friction Fit Straight with Accessory Threads, Solid Endbell
- **97-3107B**: Friction Fit Straight with Accessory Threads, Split Endbell
- **97-3108A**: Right Angle with Accessory Threads, Solid Endbell
- **97-3108B**: Right Angle with Accessory Threads, Split Endbell

For assistance in North America: +1 800.642.8750 for Pricing/Delivery or +1 800.523.0727 Tech Support • www.peigenesis.com • sales@peigenesis.com
**STEP 2: SELECT LAYOUT**

See pages 64-85 for more information

**STEP 3: SELECT CONTACT**

P = Pin  S = Socket

**STEP 4: SELECT ROTATION**

See pages 75-85 (Omit for normal)

W, X, Y, Z

**STEP 5: SELECT PLATING**

**CONTACTS**

(Omit for silver plating)

426 = Gold over Silver  431 = Less Pre-filled Solder Cups

**SHELL PLATING**

(Omit for olive drab chromate over cadmium)

604 = Gray Anodized  608 = Black Anodized  621 = Non-conductive Black Alloy  624 = Olive Drab Zinc Alloy  639 = Clear Chromate over Cadmium  640 = Conductive Black Alloy  689 = Electroless Nickel

**OTHER MODIFIERS**

417 = Plug Seal O-Ring  438 = Plug Seal O-Ring and Potting Cup  940 = Add Cable Clamp and Bushing  946 = 431 + 621 Mod Codes Combined (RoHS)  947 = 431 + 689 Mod Codes Combined (RoHS)  955 = 431 + 640 Mod Codes Combined (RoHS)

* Socket for plug only. Pin for receptacle only.

**NEED HELP?** PEI engineers will help you solve your design challenges and build the perfect part for your application. Email us at sales@peigenesis.com or complete our online Technical Request at www.peigenesis.com/technical-support. To contact us by phone, please see the back cover for a complete listing of our branch offices and contact numbers.